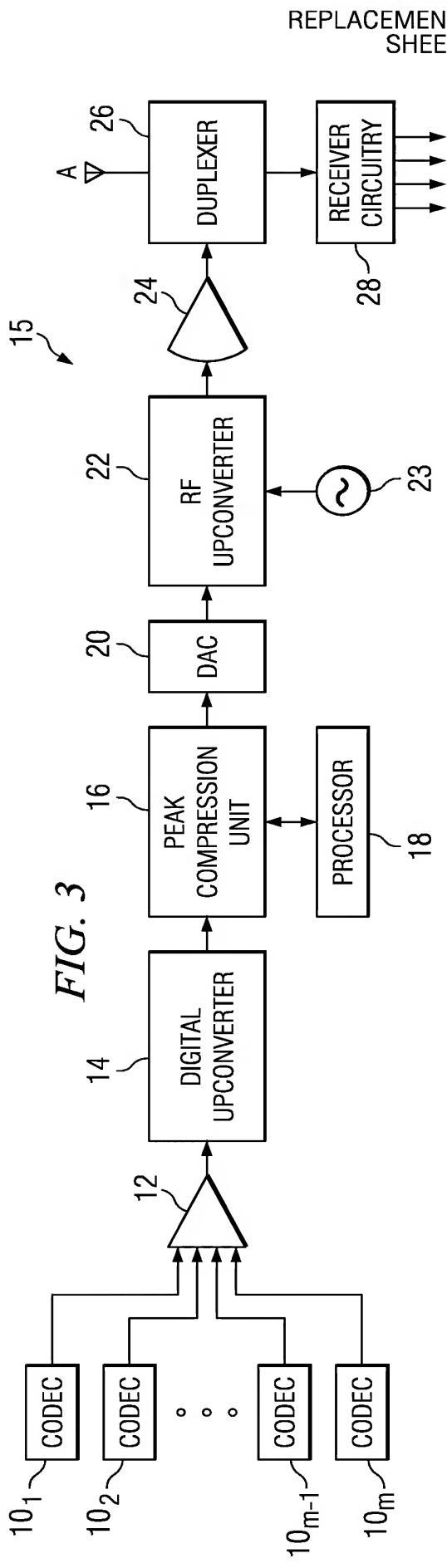
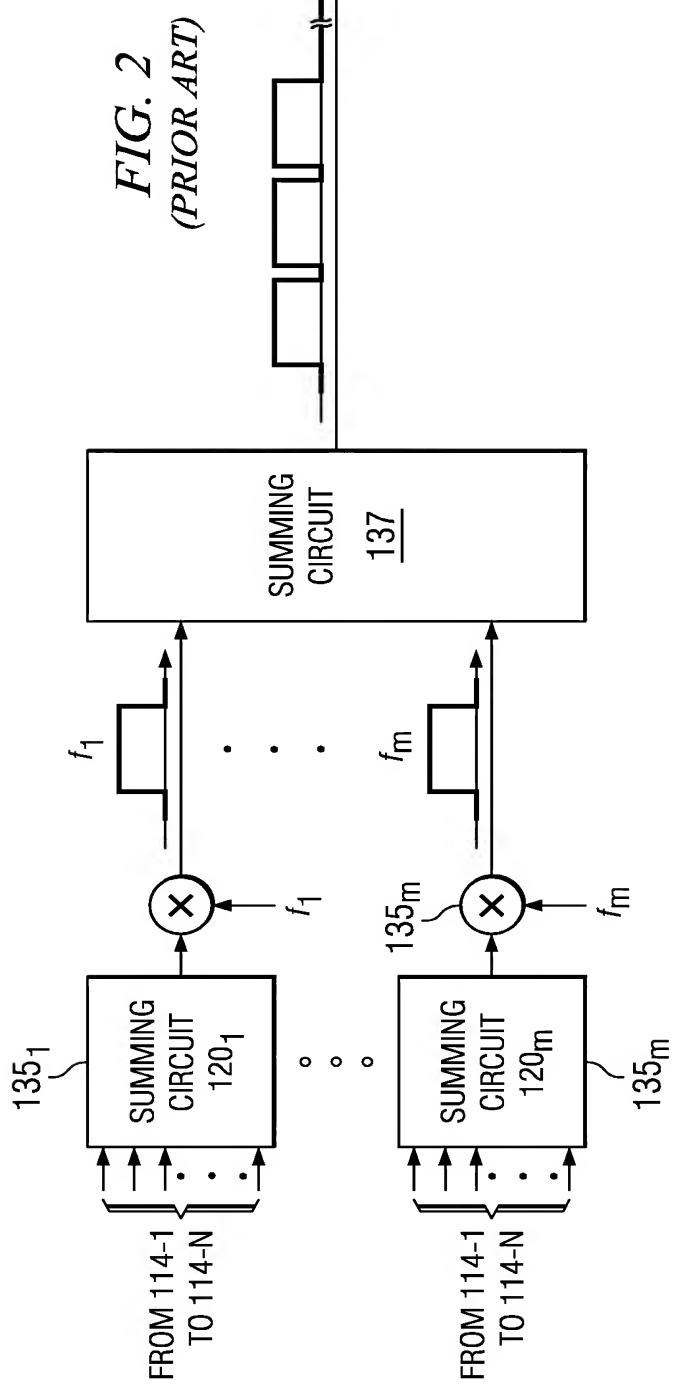


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FIG. 4

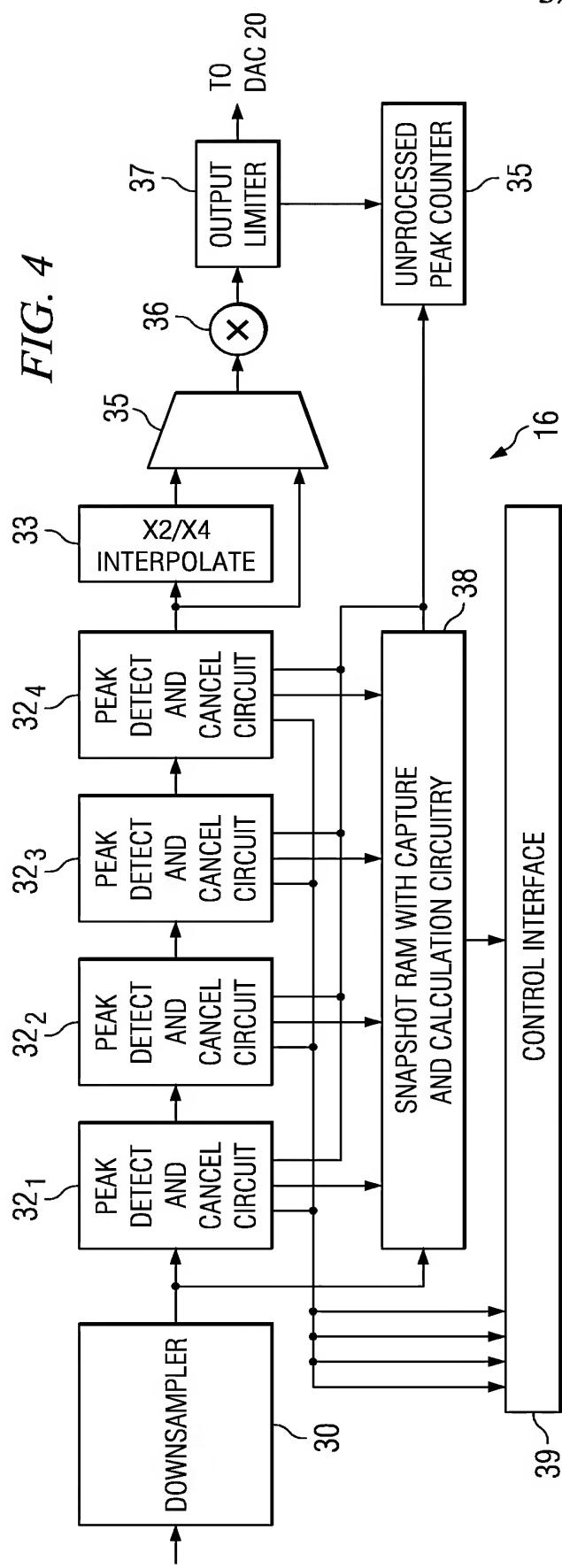
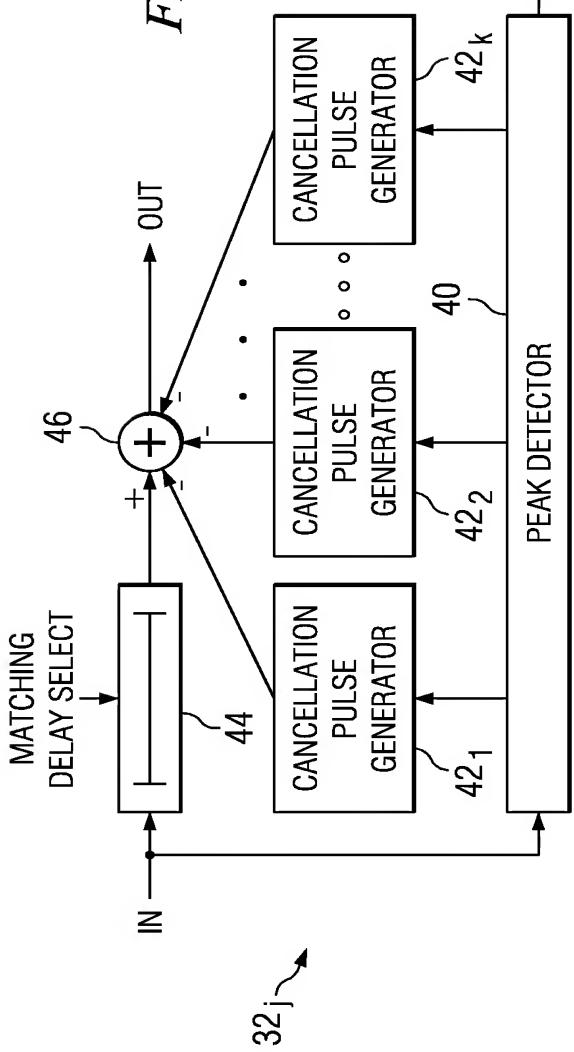
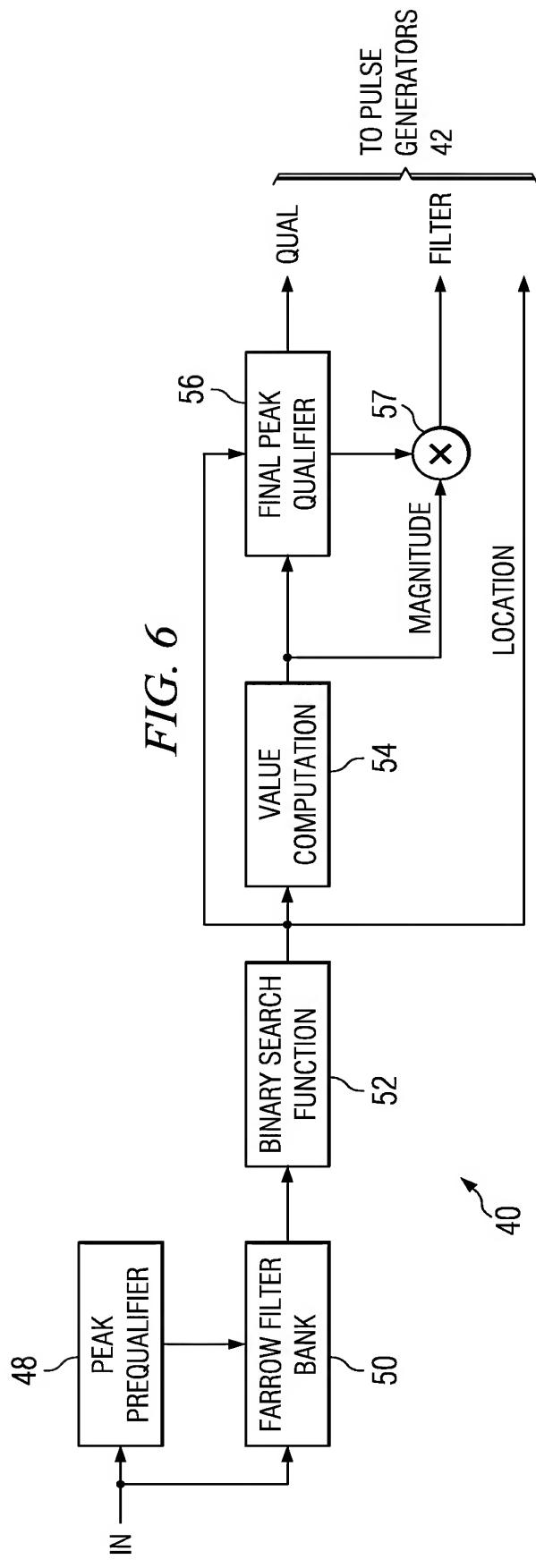


FIG. 5



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FIG. 6



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FIG. 7a

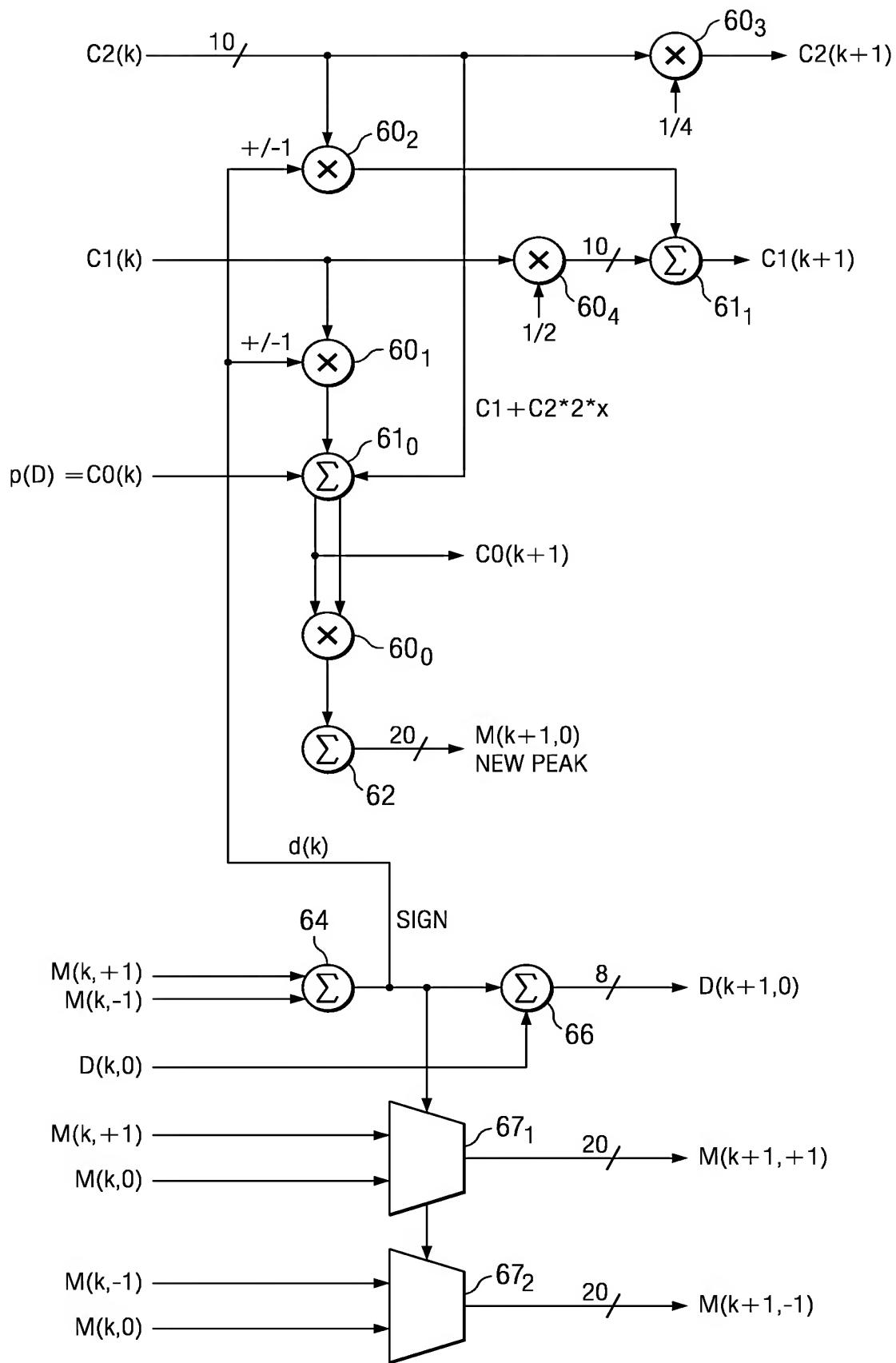
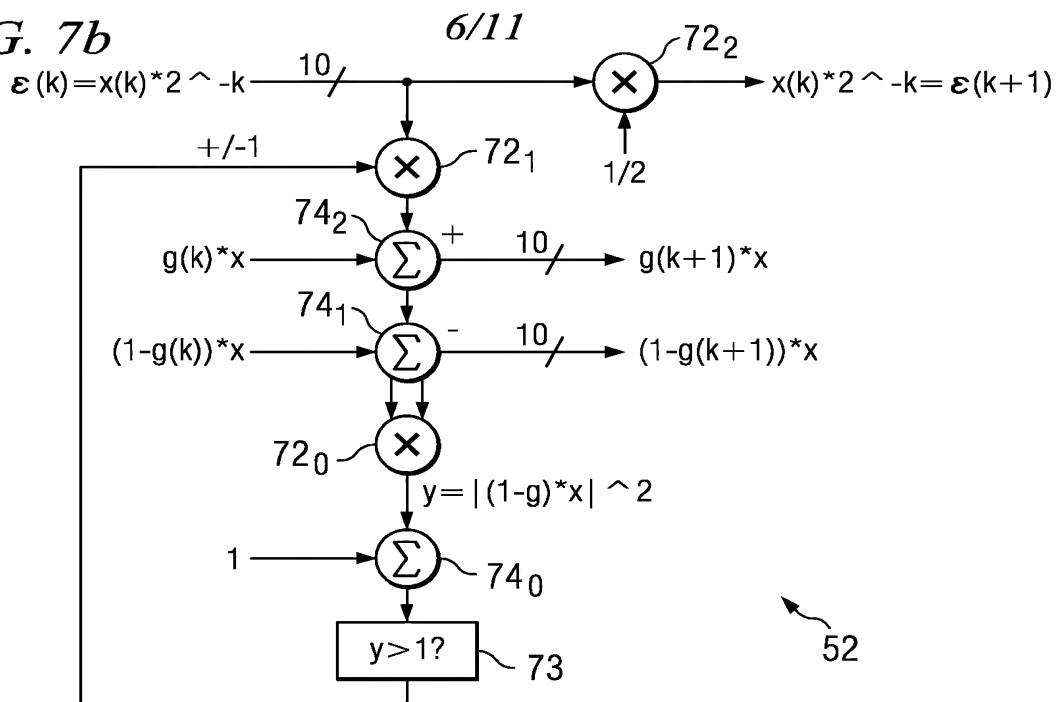


FIG. 7b



76 ~ RECEIVE AND STORE LOCATION  
AND MAGNITUDE FOR PEAK j

78 ~ INITIALIZE SAMPLE COUNT

FIG. 10

79 ~ QUALIFYING  
PEAK?

83 ~ PEAK j+1 >  
PEAK j?

84 ~ UPDATE MEMORY  
WITH LOCATION AND  
MAGNITUDE FOR  
NEW PEAK; DISCARD  
PRIOR PEAK

82 ~

INCREMENT  
SAMPLE  
COUNT

81 ~ SAMPLE  
COUNT > LIMIT  
?

86 ~

FORWARD LOCATION AND MAGNITUDE  
FOR PEAK j TO PULSE GENERATORS

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FIG. 8B

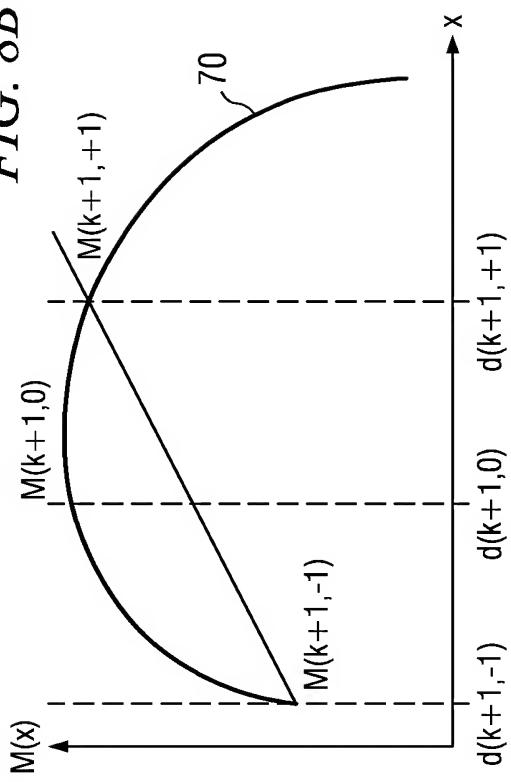


FIG. 8A

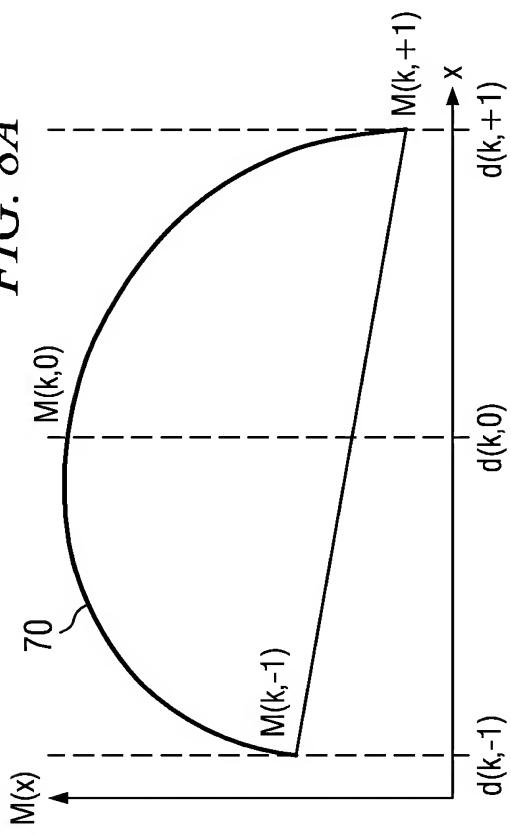


FIG. 8D

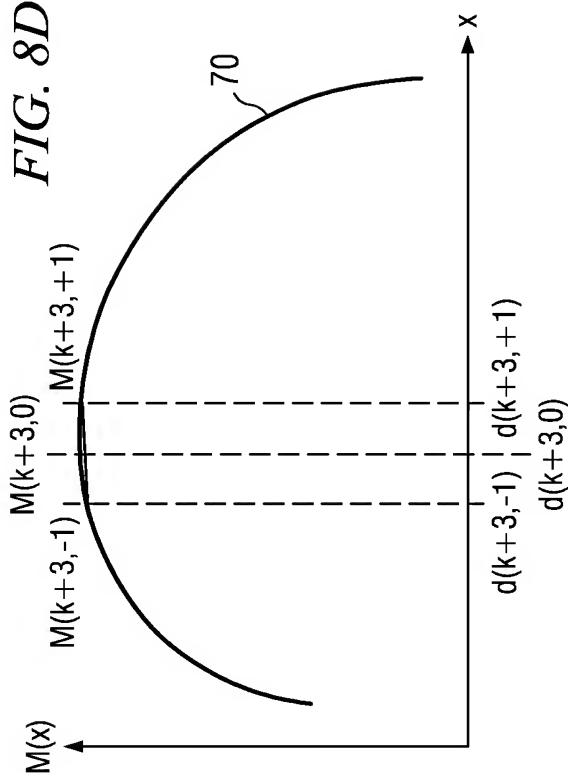
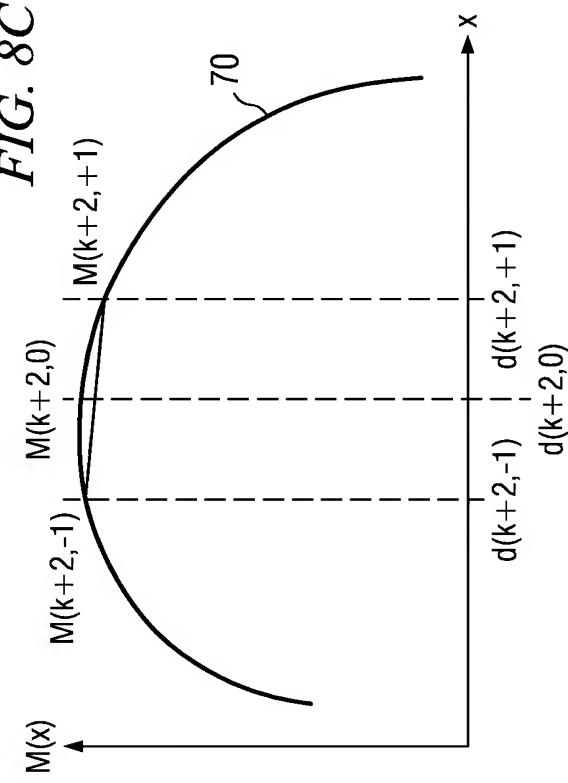
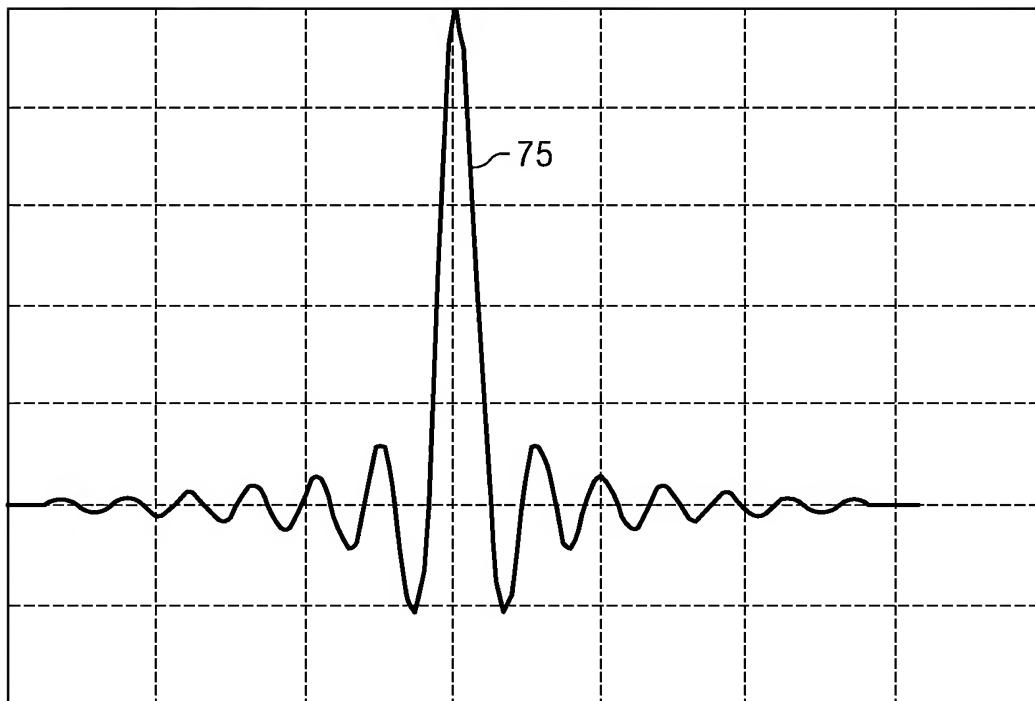


FIG. 8C

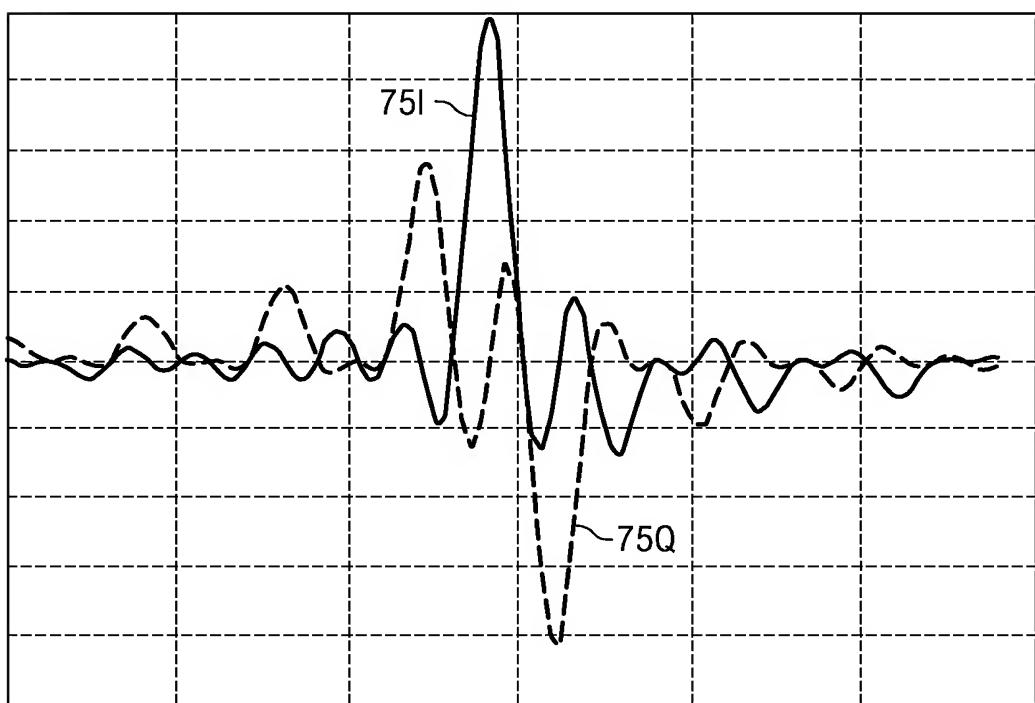


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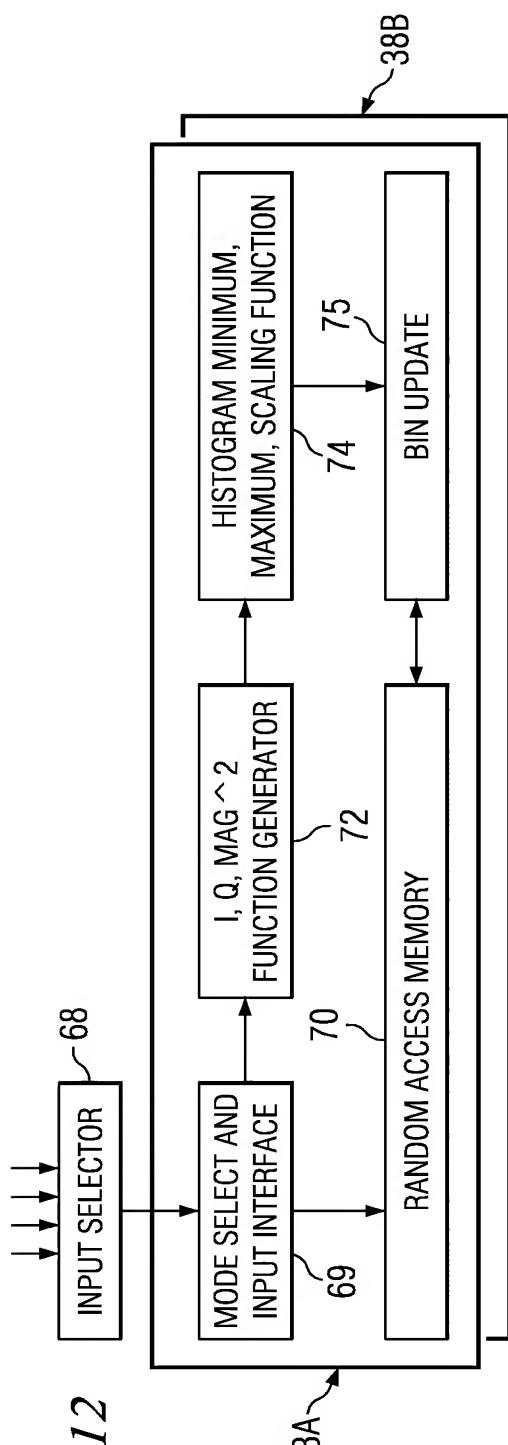
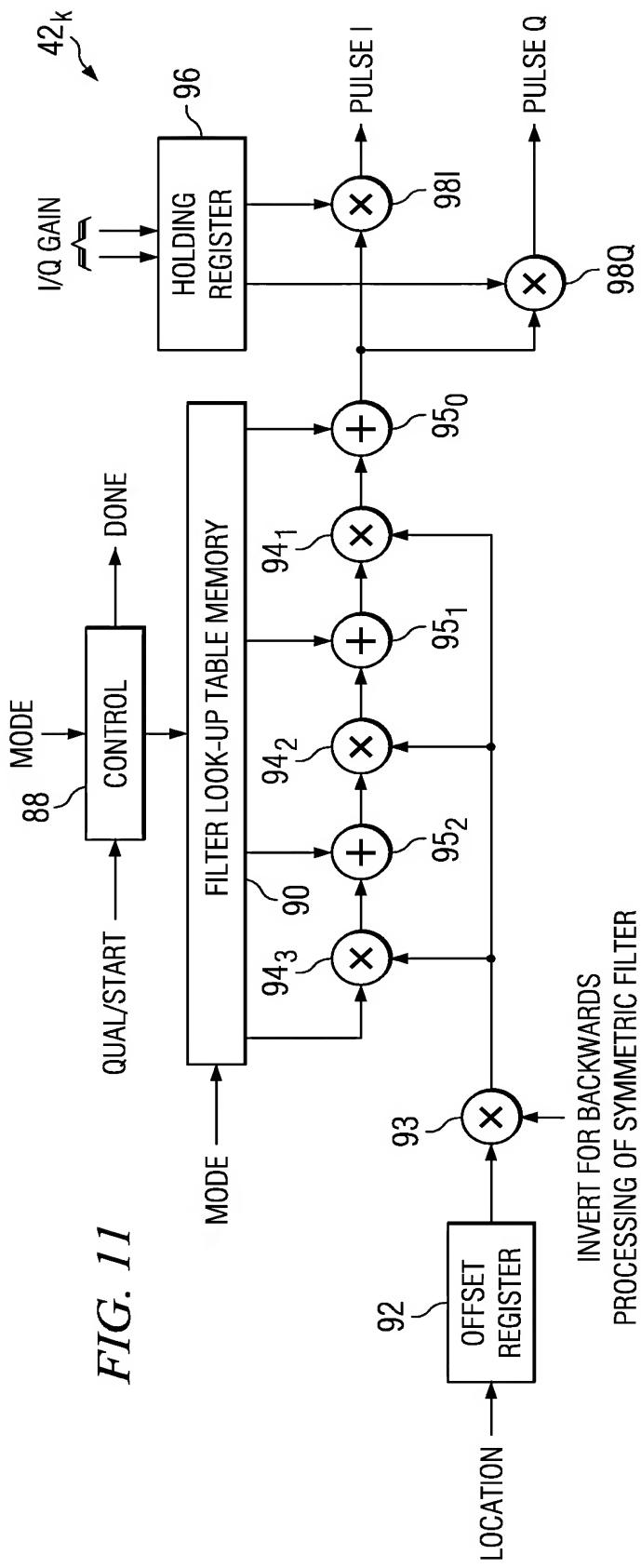
*FIG. 9a*



*FIG. 9b*

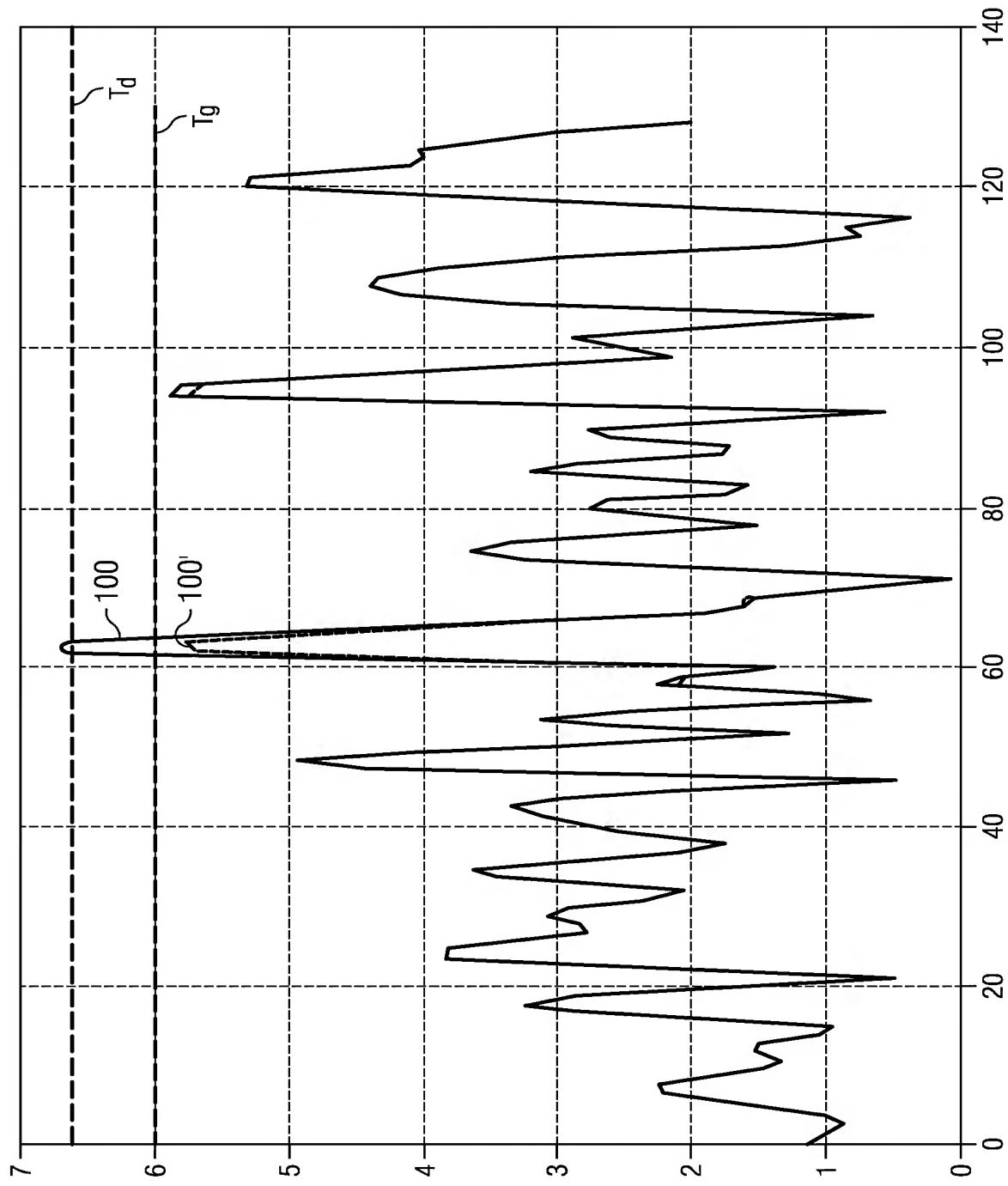


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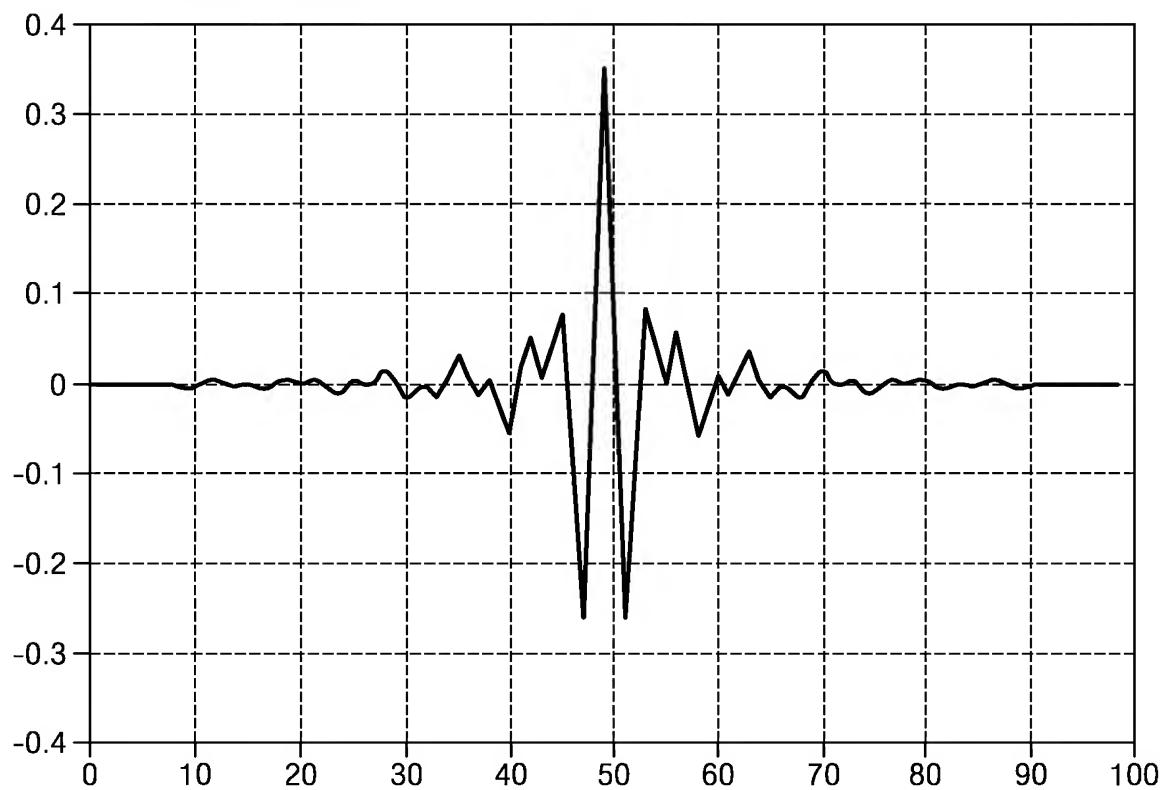
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FIG. 13



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*FIG. 14a*



*FIG. 14b*

